

Date: September 10, 1997

To: Community-Based Residential Facilities  
Other Interested Parties

From: Judy Fryback, Director  
Bureau of Quality Assurance

DSL-BQA-97-033  
CBRF 12  
STAFF 33

### **Heat Detectors in Certain Sprinklered Community-Based Residential Facilities**

Section HFS 83.43(5), Wis. Administrative Code, requires heat detectors in the following locations in a Community Based Residential Facility (CBRF):

1. In the kitchen when it is a separate enclosed room or when it has a shared opening with a minimum lintel depth of at least 8 inches from the ceiling separating it from any adjoining room.
2. In any attached garage.
3. In the attic or in each enclosed compartment of the attic.
4. In an enclosed furnace room.
5. In an enclosed laundry room.

The above requirement applies to all CBRFs initially licensed on or after January 1, 1997. CBRFs licensed before that date must meet this requirement within 5 years after January 1, 1997 (by January 1, 2002), or when the facility's smoke detection system needs replacement, whichever comes first.

From a functional standpoint, a sprinkler head that is set to activate at 165° or less is activated at approximately the same heat intensity as a heat detector. Therefore, the installation of such a heat detector in the same area as a sprinkler head is an unnecessary duplication of coverage and expense.

The Bureau of Quality Assurance considers a sprinkler head that is set to activate at 165° or less as equivalent to a heat detector and will not require the installation of a heat detector under s. HFS 83.43(5), Wis. Adm. Code, in the same area of the building covered by one or more such sprinkler heads. In order to qualify for this exemption, a building used for any size CBRF must be equipped with a fire alarm system as specified under NFPA 72, and the sprinkler system flow alarm must be interconnected with the building's fire alarm system.

If you have any questions about the above information please contact your Regional Field Operations Director (RFOD) in your designated regional office.

Southern Regional Office 3514 Memorial Drive Madison, WI 53704-1162 FAX: (608) 342-2389	Phyllis Tschumper, RFOD	(608) 243-2374
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Southeastern Regional Office 819 N. 6th St., Rm. 875 Milwaukee, WI 53203-1606 FAX: (414) 227-4139	Tony Oberbrunner, RFOD	(414) 227-4908
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Northeastern Regional Office 200 N. Jefferson St., Suite 211 Green Bay, WI 54301-5182 FAX: (414) 448-5306	Pat Benesh, RFOD	(414) 448-5249
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Northern Regional Office 1853 N. Stevens St. Rhineland, WI 54501 FAX: (715) 836-2535	Joe Bronner, RFOD	(715) 836-3032
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Western Regional Office 312 South Barstow St., Suite 1 Eau Claire, WI 54701-3667 FAX: (715) 836-2535	Charlie Kirk, RFOD	(715) 836-4753
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### **PLAN REVIEW**

Please note that s. HFS 83.43(7)(d), Wis. Adm. Code, requires this Department's review and approval of final plans and calculations for the installation of a sprinkler system in any size CBRF, in new construction and in an existing building, before installation. Also, s. HFS 83.56(2), Wis. Adm. Code, requires this Department's review and approval of all construction plans for new CBRFs of any size and any additions to existing buildings before construction. To obtain an application for plan review and a fee schedule, please call the Bureau of Quality Assurance's Health Services Section at (608) 266-8084, or FAX your request to (608) 266-1518.

JF/LW/jh